

IN THE CLAIMS:

Please amend claims 1, 9-10, 14, and 18-20 as follows:

1. (Currently Amended) A dehumidification system, comprising:

a dehumidifier;

a user interface;

a humidity sensor for determining relative humidity of an area;

means carried by said user interface for selecting a desired humidity for said area;

a wood moisture sensor for measuring the wood moisture in said area;

means for selecting a desired wood moisture for said area; and

a controller interconnected with said dehumidifier, said humidity sensor, and said desired humidity selecting means, said wood moisture sensor, and said desired wood moisture selecting means, and wherein said controller activates said dehumidifier when said relative humidity is higher than said desired humidity, and wherein said controller activates said humidifier when said actual wood moisture is higher than said desired wood moisture.

2. (Original) The dehumidification system as recited in claim 1, wherein said dehumidifier, said user interface, and said controller are connected by electrical wiring.

3. (Original) The dehumidification system as recited in claim 1, wherein said dehumidifier, said user interface, and said controller are connected by wireless connection.

4. (Original) The dehumidification system as recited in claim 1, further comprising a plurality of fans that are connected to said dehumidifier.

5. (Original) The dehumidification system as recited in claim 1, wherein said user interface unit includes a service light.

6. (Original) The dehumidification system as recited in claim 1, wherein said user interface unit includes a display, wherein said display shows said relative humidity, said desired humidity, and the temperature of said area.

7. (Original) The dehumidification system as recited in claim 1, wherein said user interface unit includes a power input.

8. (Canceled).

9. (Currently Amended) The dehumidifier as recited in claim ~~8~~ 1, wherein said controller activates said dehumidifier either when said relative humidity is higher than said desired humidity or when said wood moisture is higher than said desired wood moisture.

10. (Currently Amended) A method for maintaining the moisture level of an area at or below a pre-selected level, comprising:

installing a dehumidifier;

installing a user interface;  
installing a humidity sensor for determining relative humidity of an area;  
installing means for selecting a desired humidity for said area;  
installing a controller;  
installing a wood moisture sensor for measuring wood moisture; and  
connecting said dehumidifier, said user interface, said humidity sensor,  
said selecting means, said wood moisture sensor, and said controller, wherein said  
controller activates said dehumidifier when said relative humidity is higher than said  
desired humidity.

11. (Original) The method as recited in claim **10**, further comprising  
installing at least one fan.

12. (Original) The method as recited in claim **11**, further comprising  
connecting said at least one fan to said dehumidifier.

13. (Canceled).

14. (Currently Amended) The method as recited in claim ~~13~~ 10, further  
comprising installing means for selecting a desired wood moisture, wherein said  
controller activates said dehumidifier when said wood moisture is higher than said  
desired wood moisture.

15. (Original) The method as recited in claim **10**, wherein said user interface has a display that is remote from said humidifier.

16. (Original) The method as recited in claim **15**, wherein said display includes said selecting means.

17. (Original) The method as recited in claim **16**, further comprising selecting a desired humidity.

18. (Currently Amended) The method as recited in claim **4** 10, wherein said connecting step is done by wireless connection.

19. (Currently Amended) The method as recited in claim **4** 10, wherein said connecting step is done by electrical wiring.

20. (Currently Amended) The method as reciting in claim **4** 10, further comprising connecting said dehumidifier, said user interface, said humidity sensor, said selecting means, and said controller to an alarm system.